



Applicants: Peter Brink, et al.  
U.S. Serial No: 10/757,827  
Filing Date: January 15, 2004  
Title of the Invention: MESENCHYMAL STEM  
CELLS AS A VEHICLE FOR ION CHANNEL  
TRANSFER  
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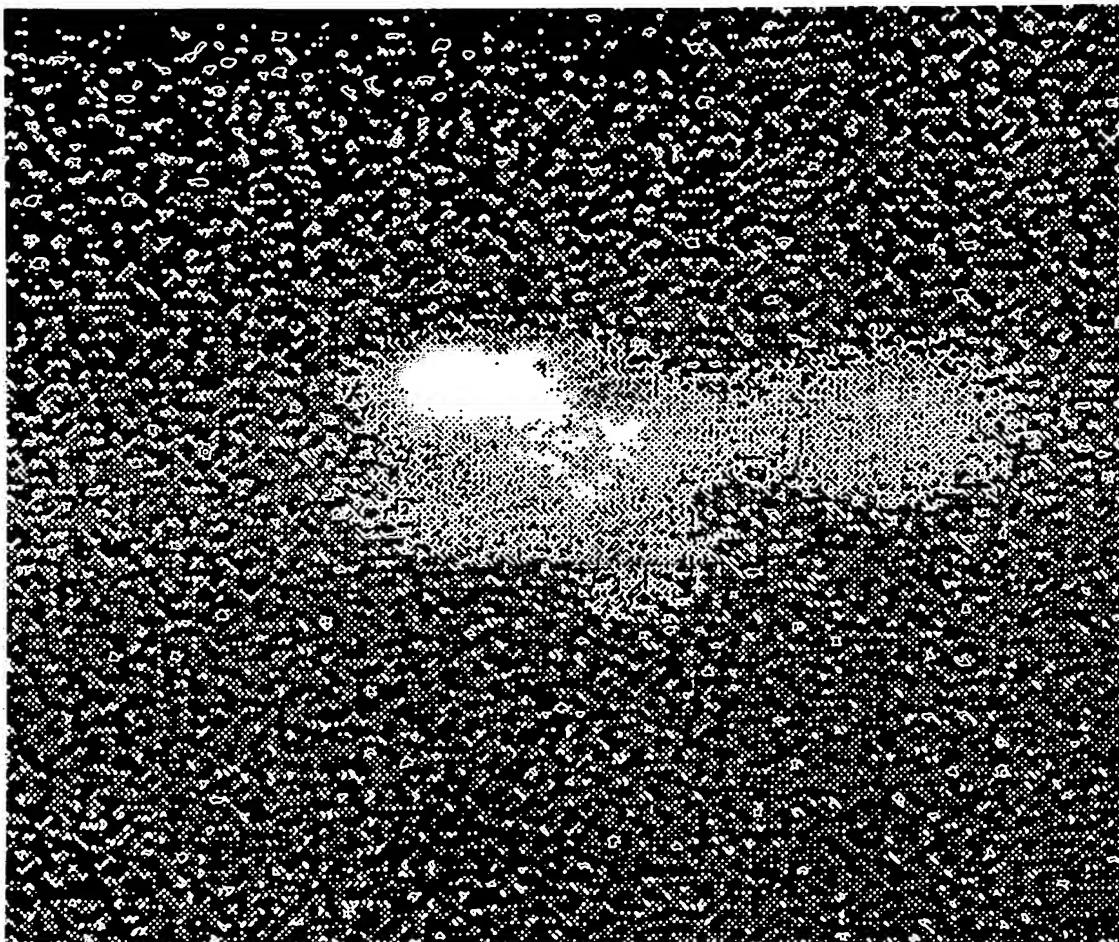
FIGURE 1A



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**FIGURE 1B**



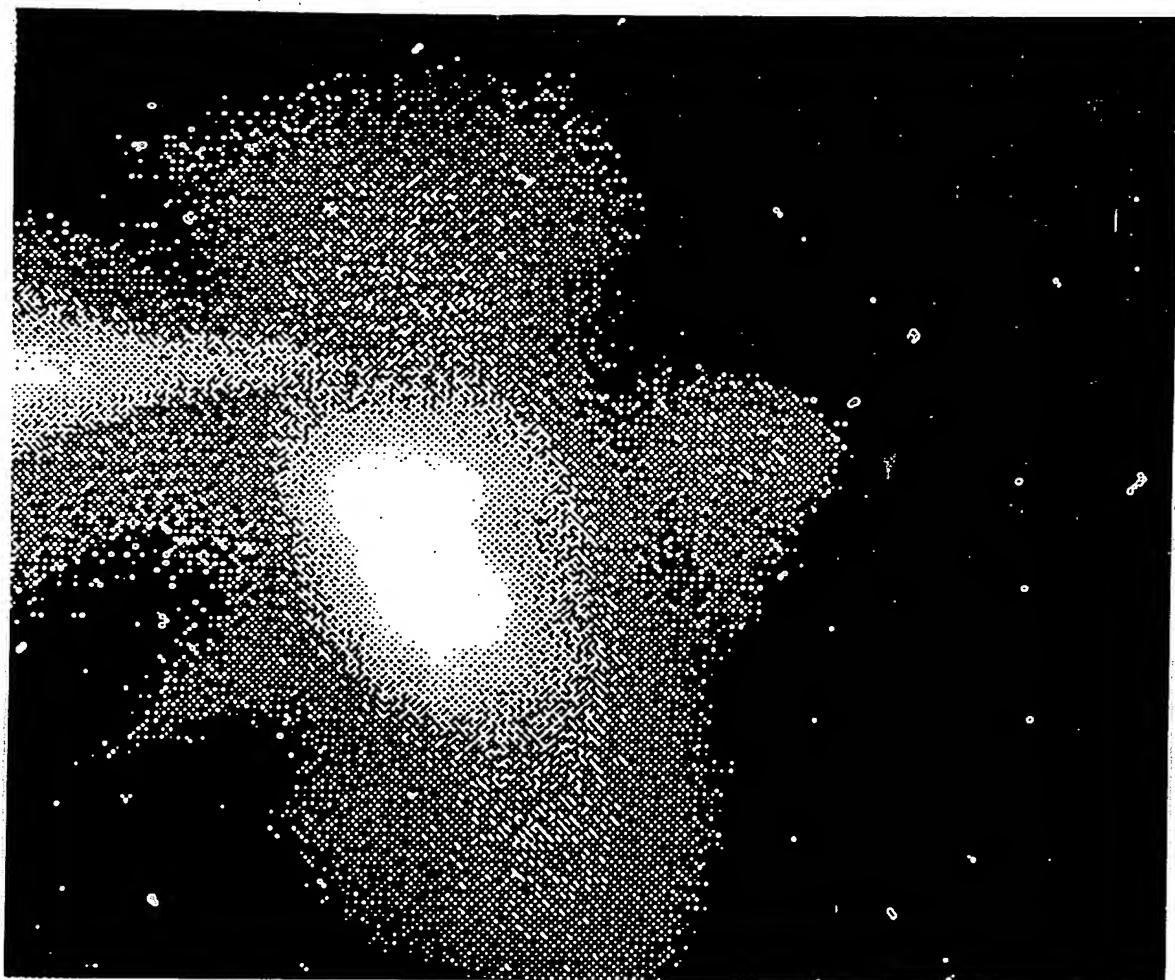
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FIGURE 2A



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**FIGURE 2B**



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**FIGURE 3A**

**FIGURE 3B**

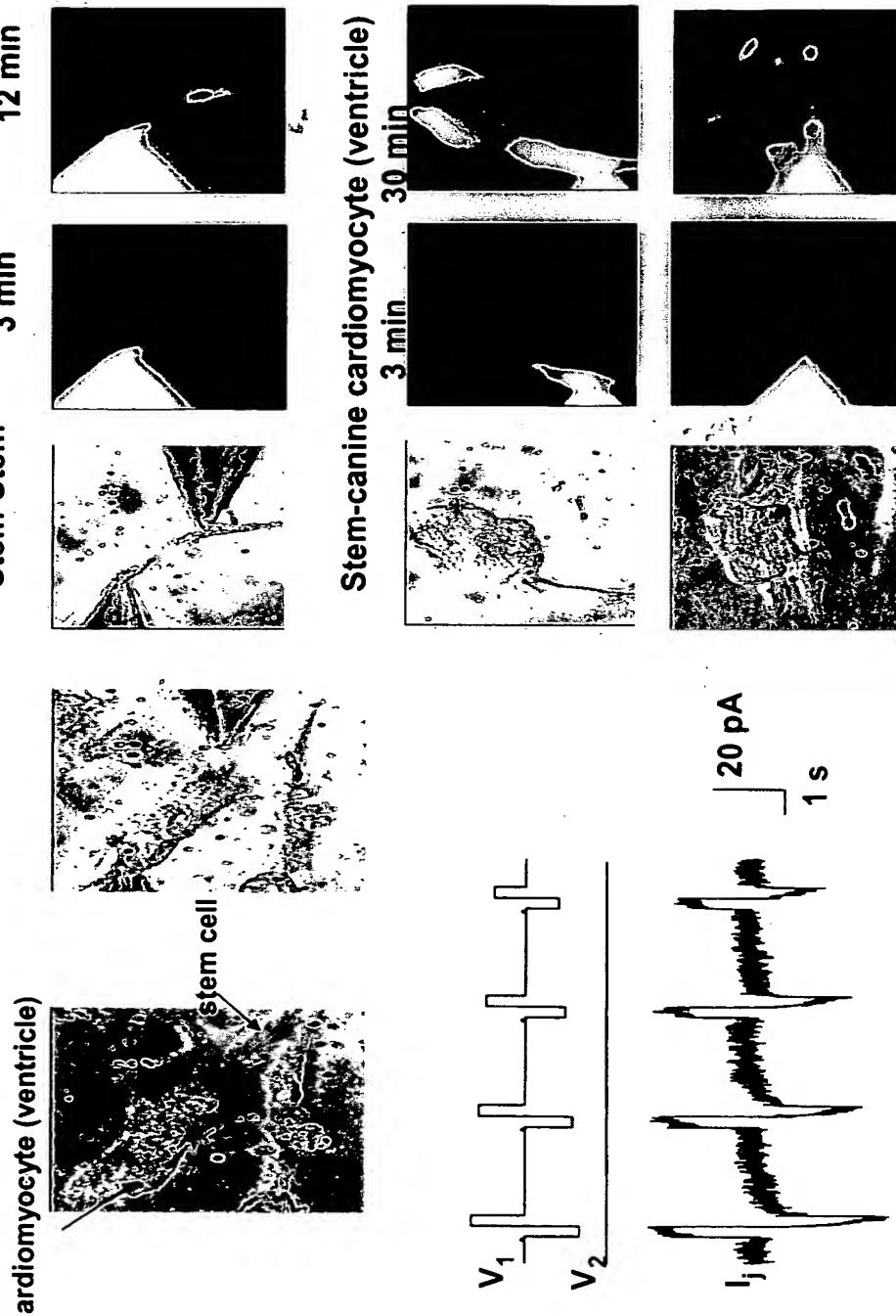


FIGURE 3C

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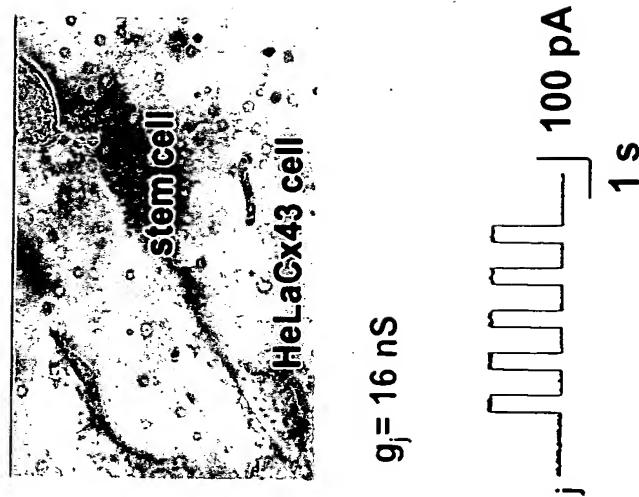
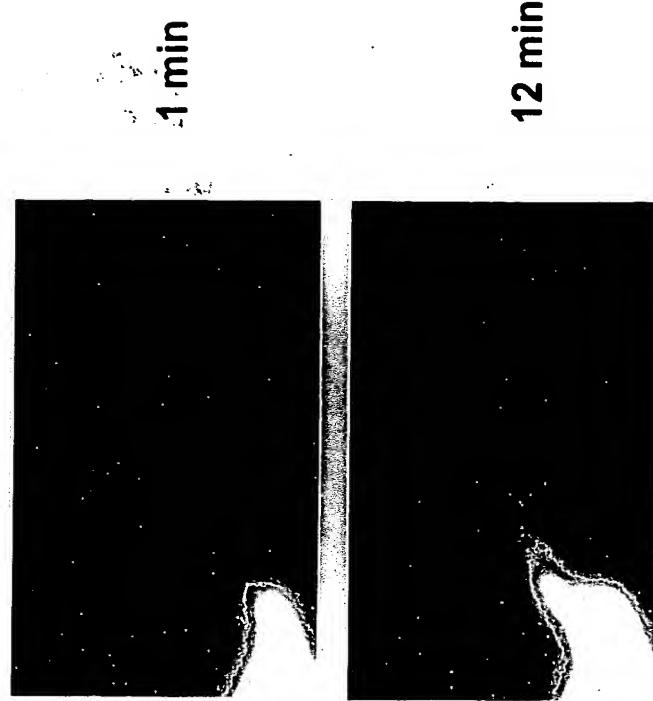


FIGURE 4A

Stem- HeLaCx43

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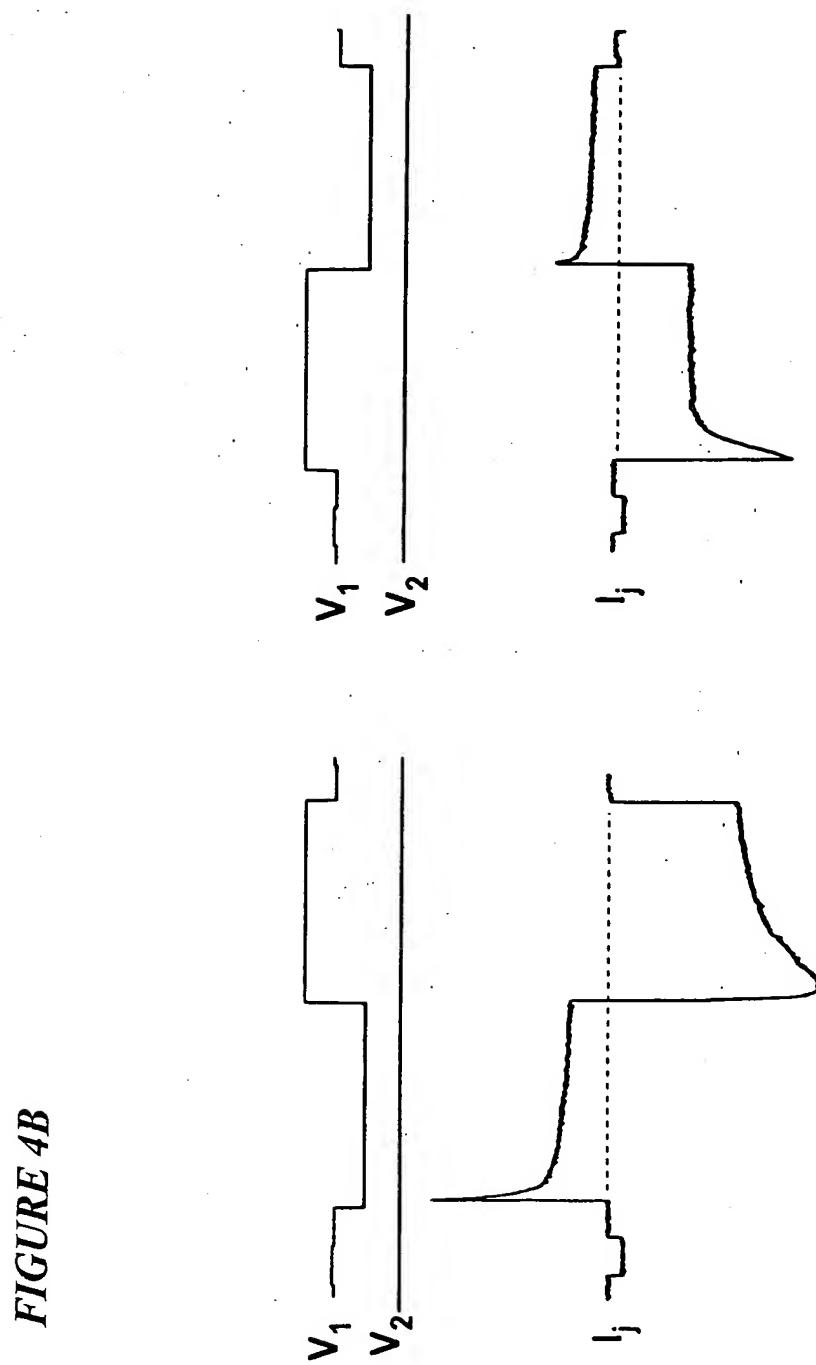


FIGURE 4B

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FIGURE 5A



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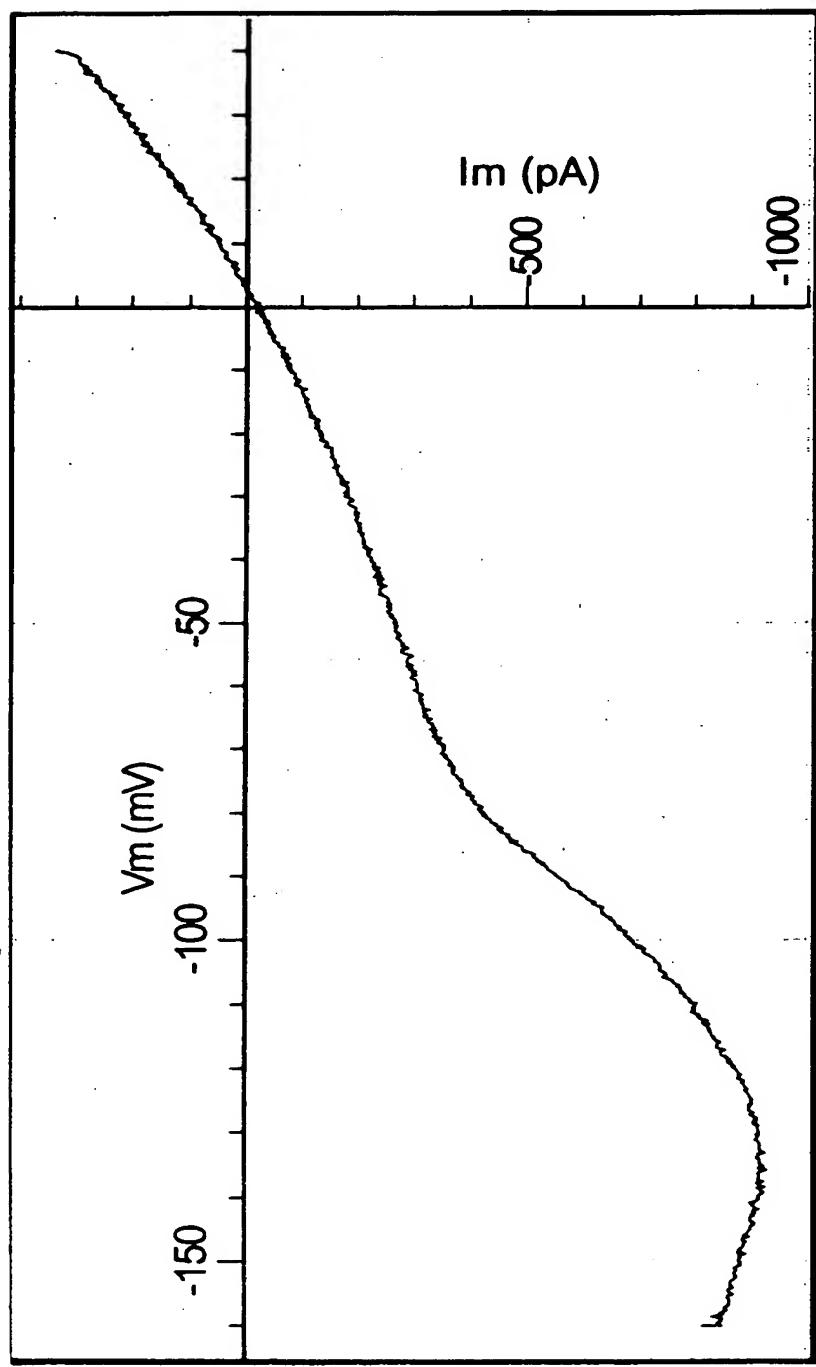
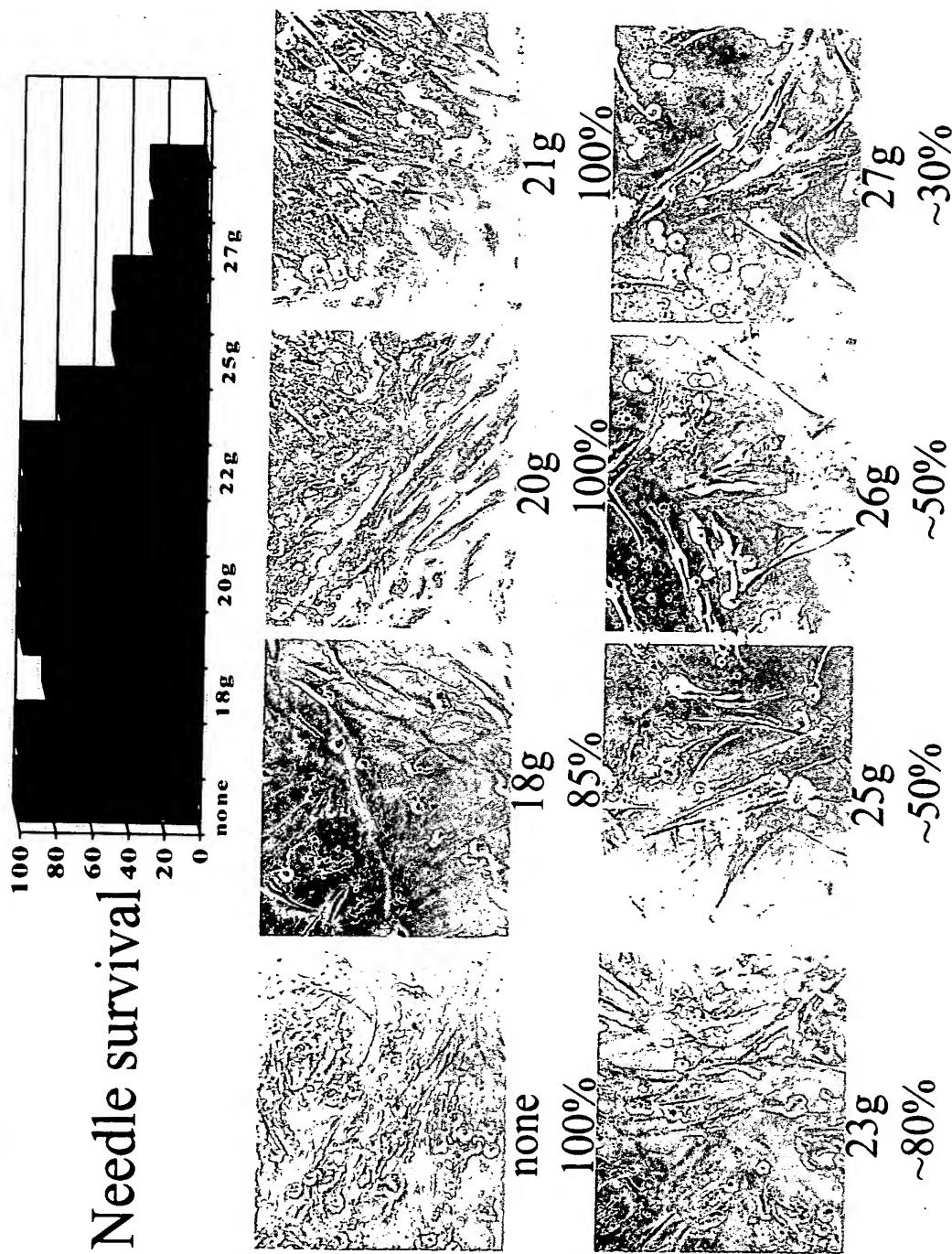


FIGURE 5B

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FIGURE 6



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FIGURE 7

HMSC cells transiently transfected with mH2-EGFP



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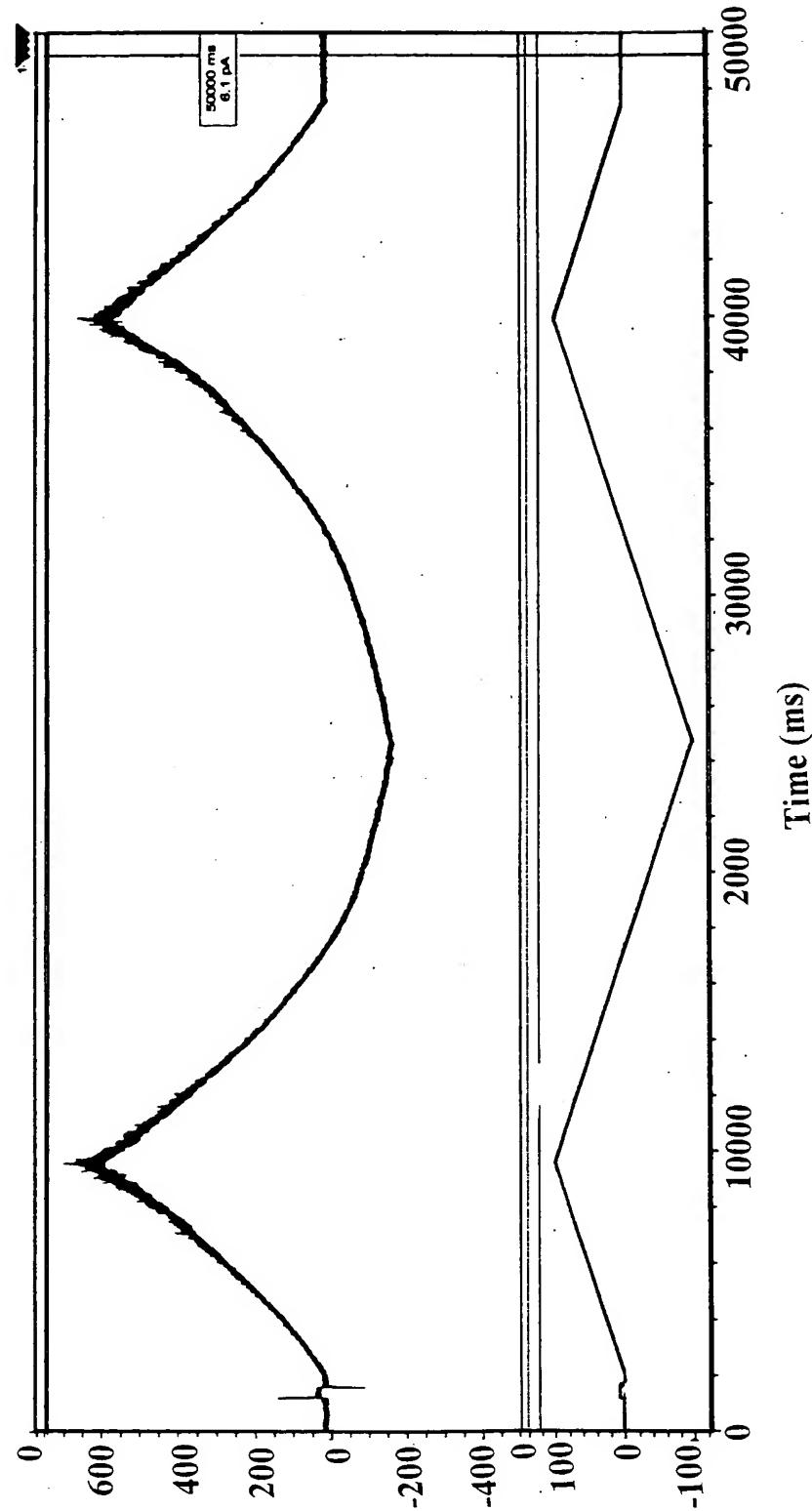
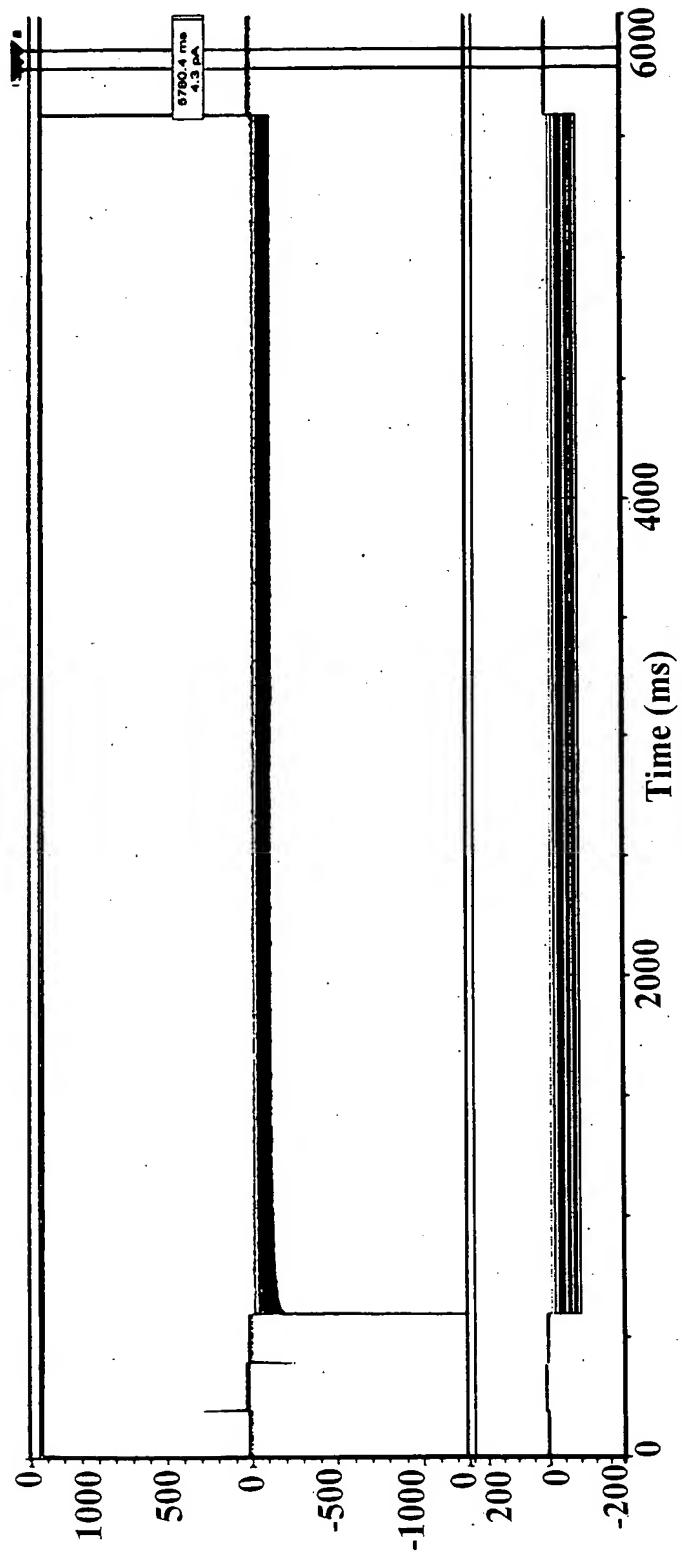


FIGURE 8A

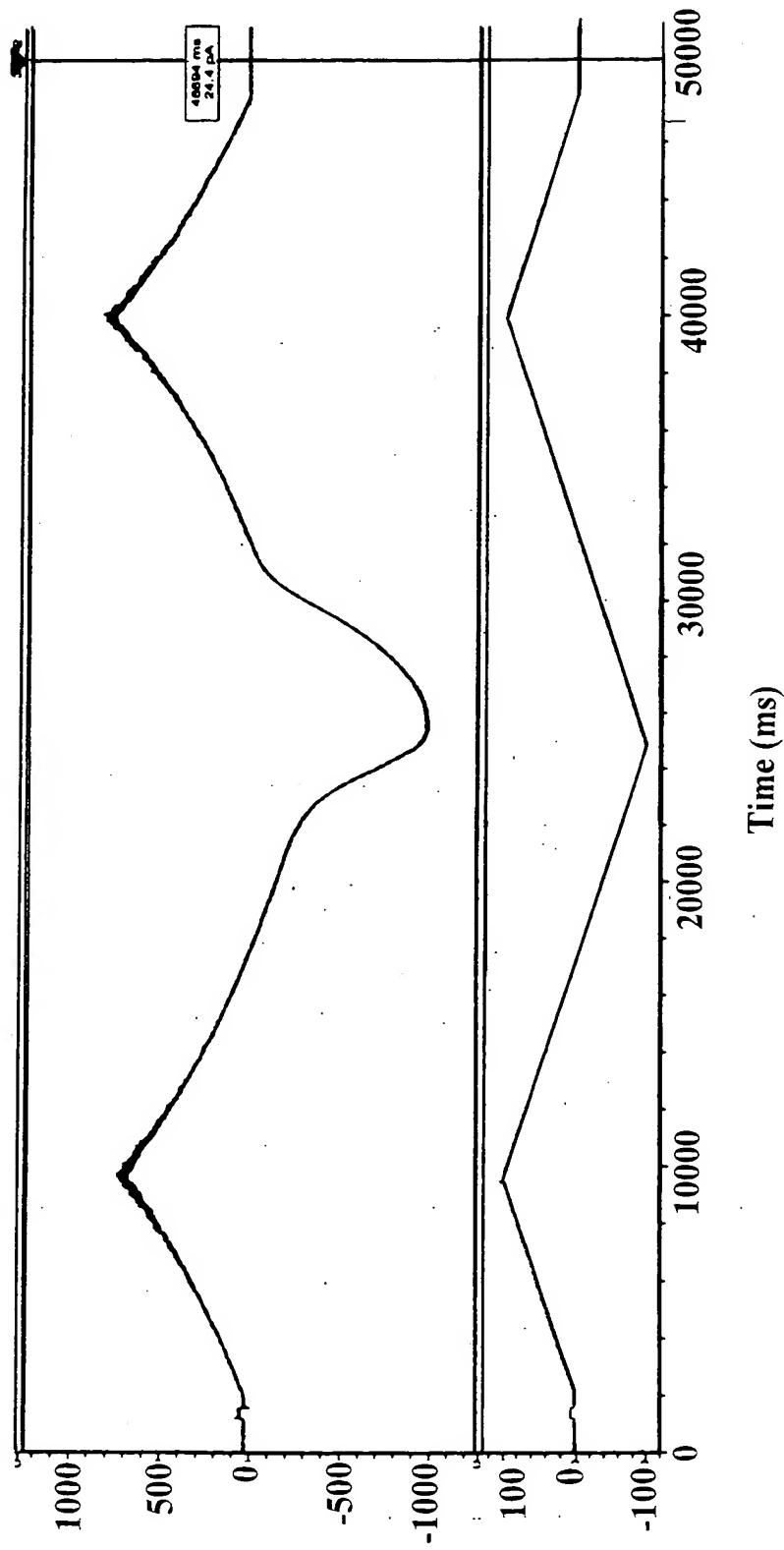
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FIGURE 8B



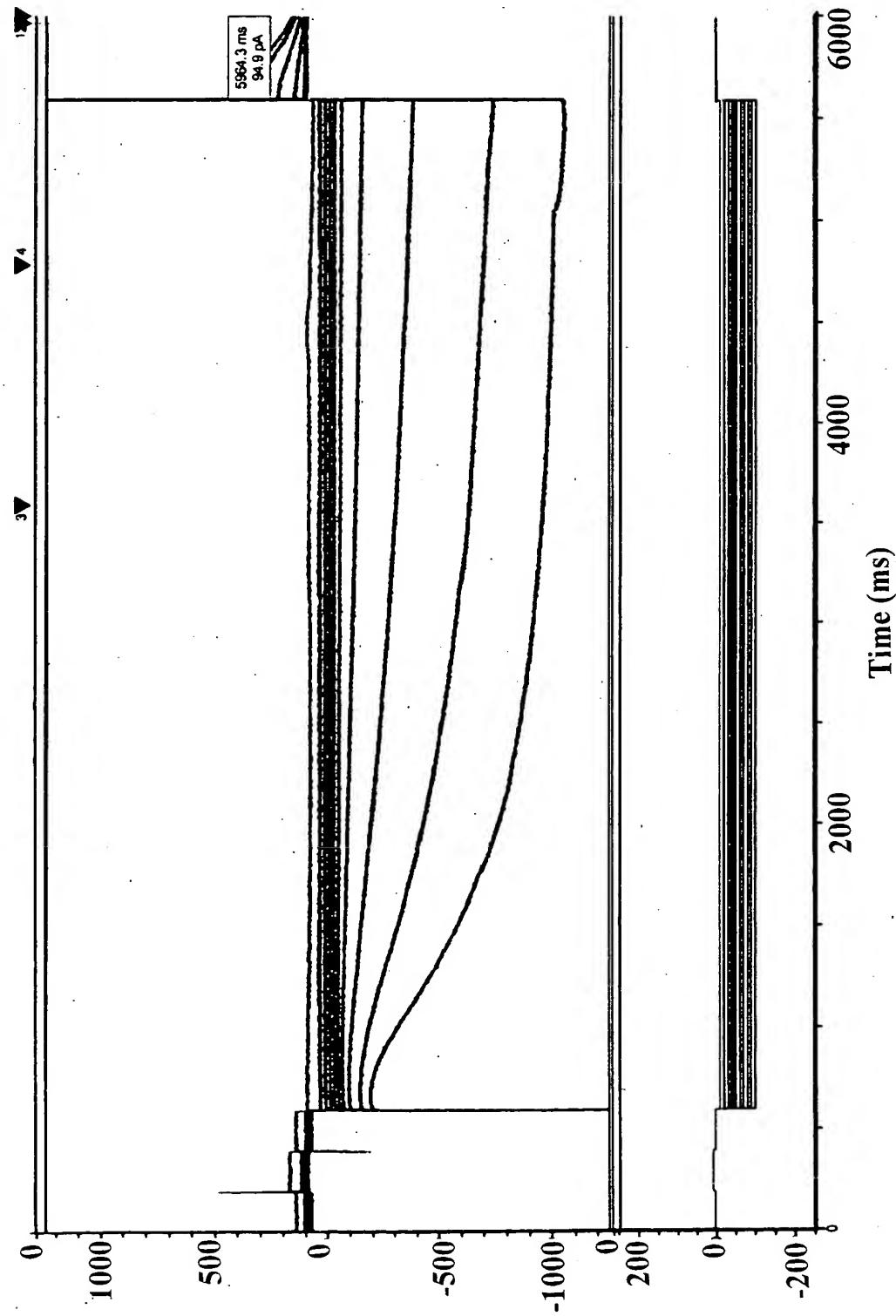
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FIGURE 9A



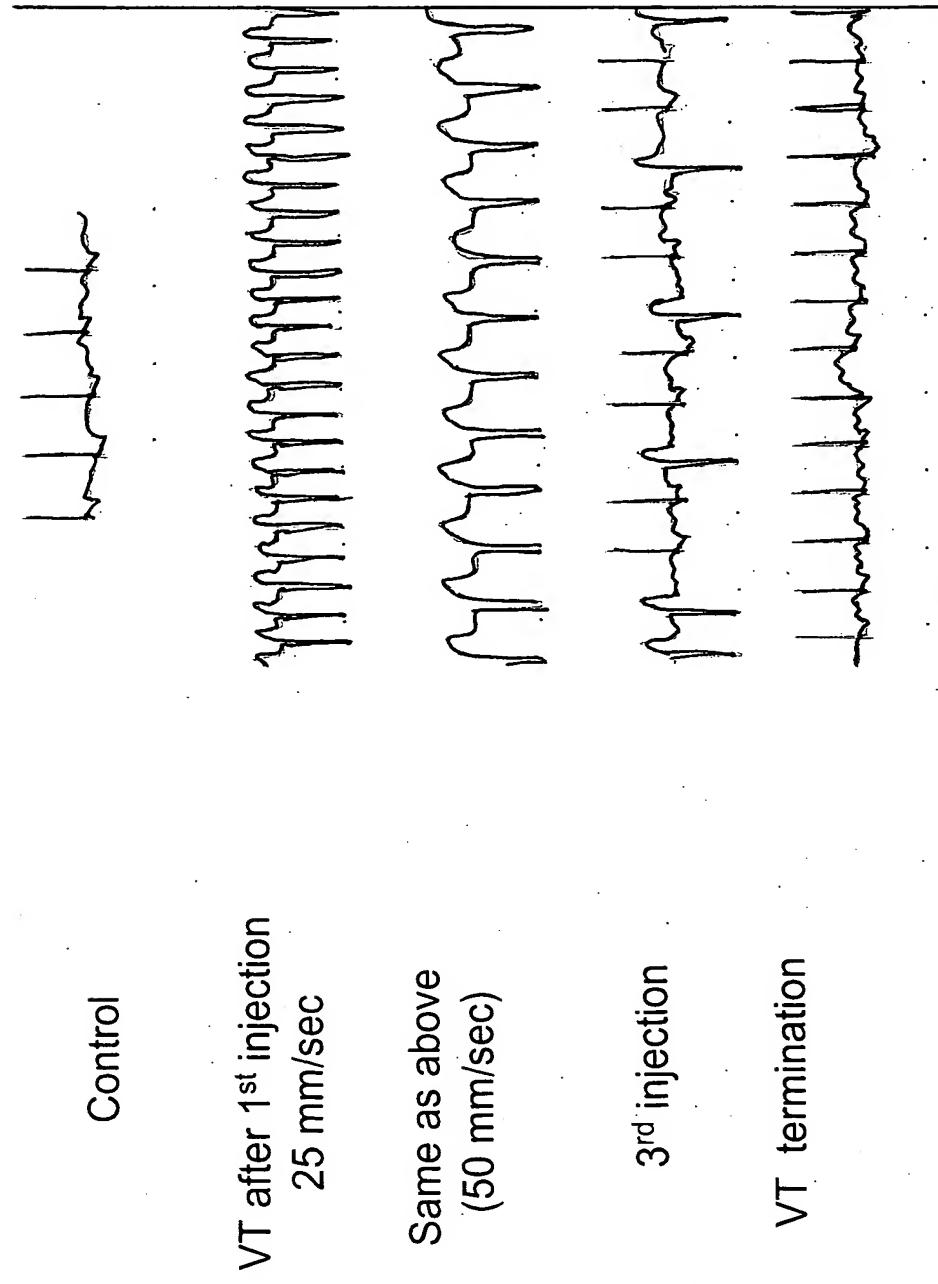
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FIGURE 9B



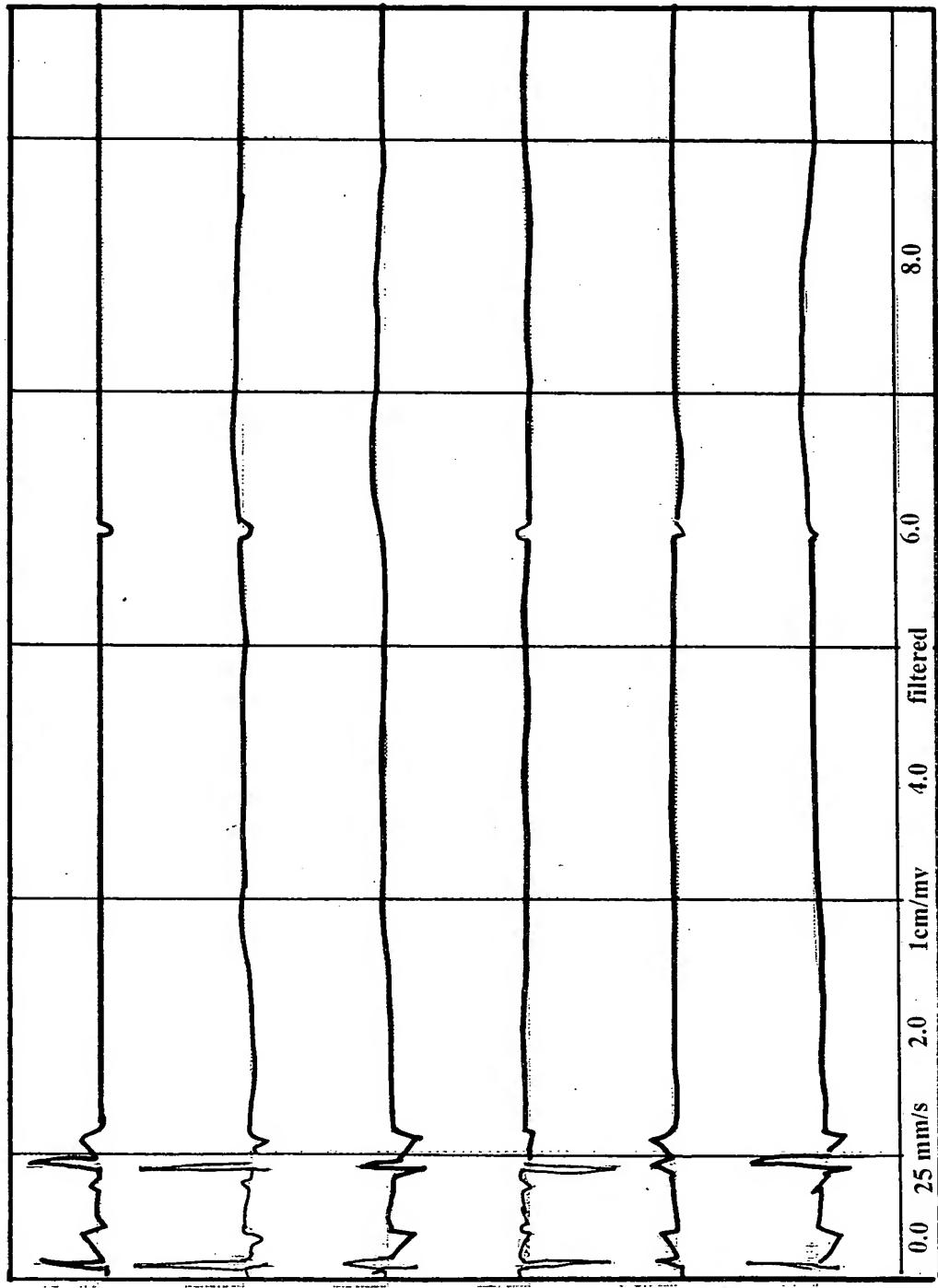
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FIGURE 10A



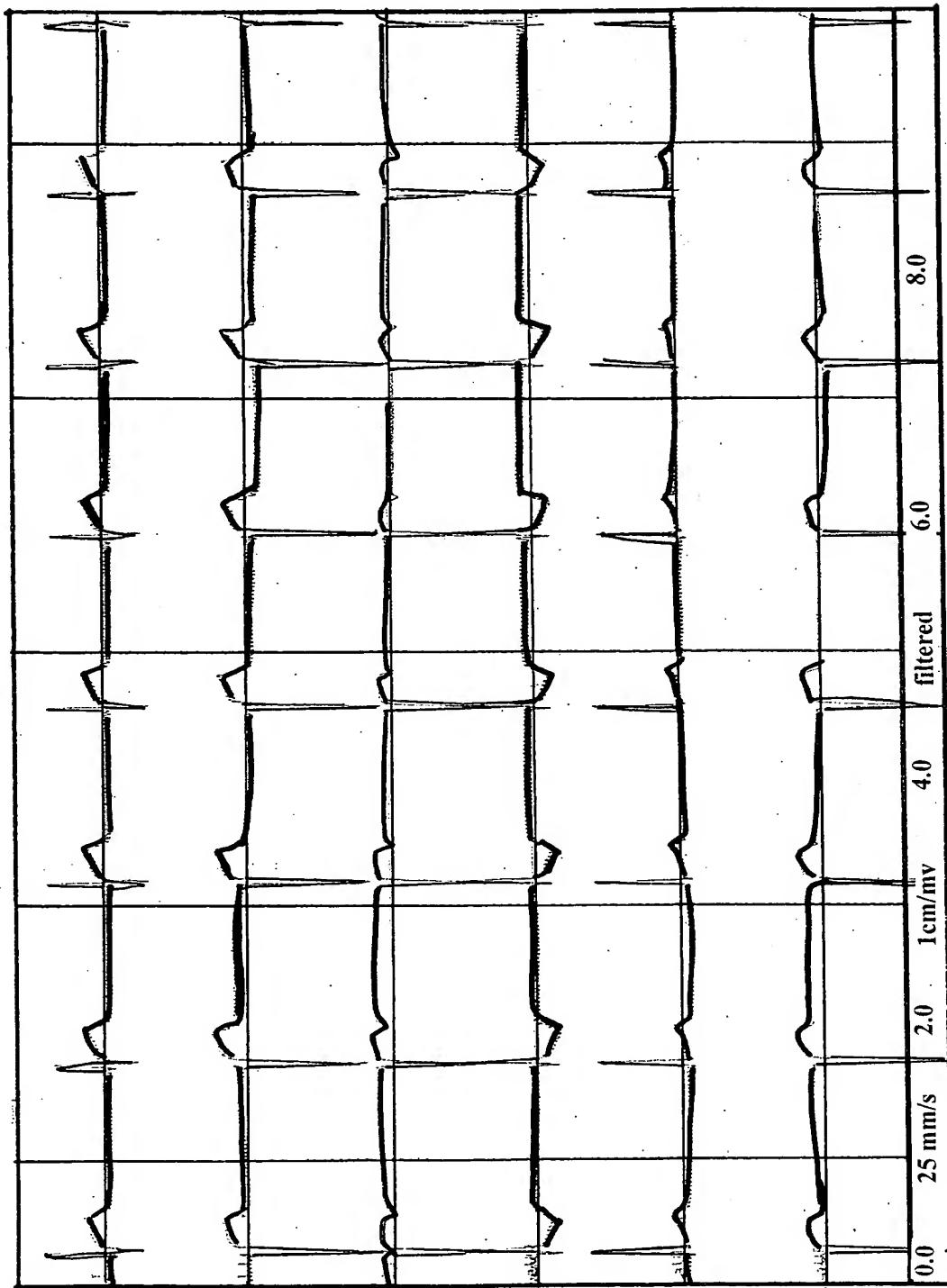
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FIGURE 10B



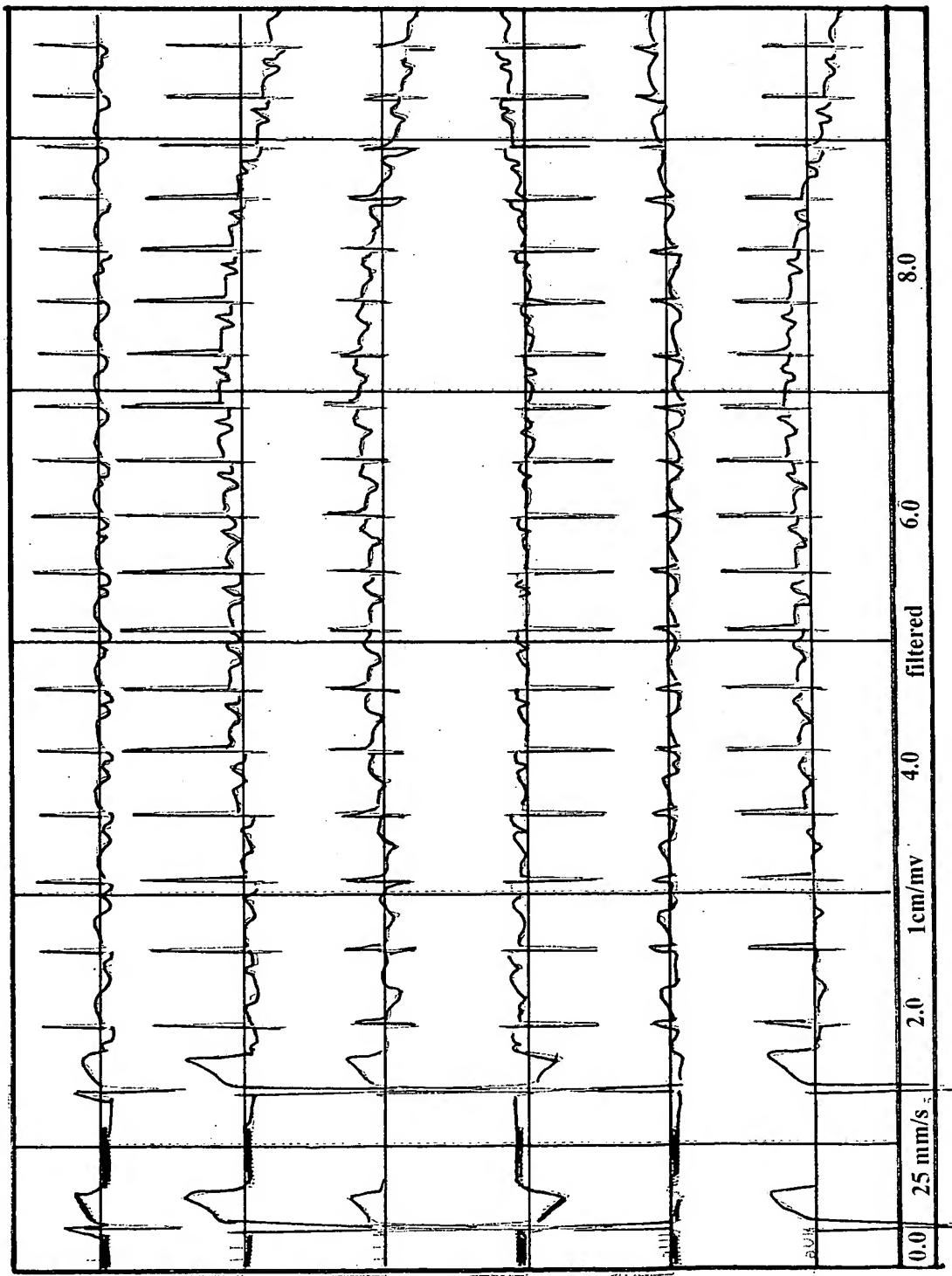
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FIGURE 10C



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FIGURE 10D



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**FIGURE 10E**



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